

H5003-
5035.

D5714-
5731.

507

Last dredge #5713

H 5⁰⁰3
50³⁵

D 5714
31

Dredge } No. 5203 Date, Feby 23, 1912
Hydrog. }

Sdg. Mch. Hand lead ft Reel Sheet Leads 24 lbs.

Turns Cor'n Depth 4 fmms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make W3 Cor'n { Instr.
No. 69479 Cor'n { Stem.

Bottom Reading 54.7 Cor'd Temp. 54.63

Temp. Surf. { 55 Time 1:17 P { Air { 57
59.83 Time

Density: Surf. fmms.

Wind: Direction West Force 5-6

Baromet. 30.16 Amt. of Clouds 1 State of Sea C

Weather be

Direction and Force { Surface
of Current. { Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used 4' Inter + 2 Kofards

Time towing h. 10 m.

Remarks: Water bottle wet on sounding line

Deck Officer Mr. Clancy Recorder J. W. Crider
11-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.					
P	M. DOWN.	UP.	P		M.	P	M. DOWN.	UP.	P	M.
1	0820	1	1820	0		1	0900	1	1700	
				100						
				200						
				300						
				400						
				500						
				600						
				700						
				800						
				900						
				1000						
				1100						
				1200						
				1300						
				1400						
				1500						
				1600						
				1700						
				1800						
				1900						
				2000						
				2100						
				2200						
				2300						
				2400						
				2500						
				2600						
				2700						
				2800						
				2900						
				3000						
				3100						
				3200						
				3300						
				3400						
				3500						
				3600						
				3700						
				3800						
				3900						
				4000						
				4100						
				4200						
				4300						
				4400						
				4500						
				4600						
				4700						
				4800						
				4900						

Dredge } No. 504 Date, Feby 23, 1912
Hydrog. }
Sdg. Mch. Hand lead ft Heel Shot 24 lbs.

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make m 3 Cor'n { Instr.
No. 69479 Stem.

Bottom Reading 54.7 Cor'd Temp. 54.63

Temp. Surf. { 55 Time 1:45 P } Air 57
54.83 Time

Density: Surf. fms.

Wind: Direction West Force 5-6

Baromet. 30.1 Amt. of Clouds 1 State of Sea C

Weather br.

Direction and Force of Current. { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used 4 Inter. + 5 Profords

Remarks: Water bottle used on
Buoys line

Deck Officer Mr. Clancy Recorder J. W. Crider
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.			P. M.	
P. M.	DOWN.	UP.		P. M.	P. M.	DOWN.		
1	34	30	1	45	00	1	35	00
			0			1	45	00
			100					
			200					
			300					
			400					
			500					
			600					
			700					
			800					
			900					
			1000					
			1100					
			1200					
			1300					
			1400					
			1500					
			1600					
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			1800					
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			2400					
			2500					
			2600					
			2700					
			2800					
			2900					
			3000					
			3100					
			3200					
			3300					
			3400					
			3500					
			3600					
			3700					
			3800					
			3900					
			4000					
			4100					
			4200					
			4300					
			4400					
			4500					
			4600					
			4700					
			4800					
			4900					

Dredge } No. 5085 Date, Feb 23, 1922
Hydrog. }

Sdg. Mch. Hand lead set

Shots 20 lbs.

Turns Cor'n Depth 6 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Wm. Cor'n { Instr.
No. 69479 Cor'n { Stem.

Bottom Reading 54.7 Cor'd Temp. 54.63

Temp. Surf. { 55 Time 2:12 P { Air 57
54.83 Time { }

Density: Surf. fms.

Wind: Direction West Force 4-5

Baromet. 30.12 Amt. of Clouds 1 State of Sea C

Weather hc.

Direction and Force { Surface
of Current. { Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used 4 Inter + 2 Profonds

Time towing h. / 0 m.

Remarks: Water bottle used on landing
line

Deck Officer Mr. Flanney Recorder H. W. Gridley
11-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.				
P	M. DOWN.	UP.	P	M.	P	M. DOWN.	UP.	P	M.
2	02	30	2	12	30	0	2	05	00
						100	2	11	20
						200			
						300			
						400			
						500			
						600			
						700			
						800			
						900			
						1000			
						1100			
						1200			
						1300			
						1400			
						1500			
						1600			
						1700			
						1800			
						1900			
						2000			
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						2600			
						2700			
						2800			
						2900			
						3000			
						3100			
						3200			
						3300			
						3400			
						3500			
						3600			
						3700			
						3800			
						3900			
						4000			
						4100			
						4200			
						4300			
						4400			
						4500			
						4600			
						4700			
						4800			
						4900			

Dredge } No. 5006 Date, Feb 23, 1912
Hydrog. }
Sdg. Mech. Hand lead off Reel Shot Leads 24 lbs.
Turns Cor'n Depth 6 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make W3 Cor'n { Instr.
No. 69479 Cor'n { Stem.

Bottom Reading 55.2 Cor'd Temp. 55.13
Temp. Surf. { 54.7 Time 2.48 P } Air { 57
54.53 Time .

Density: Surf. fms.

Wind: Direction West Force 4 - 5

Baromet. 30.15 Amt. of Clouds 1 State of Sea C

Weather br

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter

Apparatus and Rig used 4' Inter & 2' Kofords

Time towing h. m.

Remarks: Water bottle used on sounding line

Deck Officer Mr. Glancy Recorder H. W. Orde
11-1023

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
M. DOWN.	UP.	/ M.	M. DOWN.	UP.
23732	24770	0	23740	24780
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
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		1900		
		2000		
		2100		
		2200		
		2300		
		2400		
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
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		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

Dredge No. 507 Date, Oct 22, 1912
Hydrog. Sdg. Mech. 100 fms. Reel Shot Lead lbs.
Turns Cor'n Depth 6 1/4 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. Make W3 No. 69479 Cor'n Instr. Stem.
Bottom Reading 54° Cor'd Temp. 53.93
Temp. Surf. 54.6 Time 3:18 P.M. Air 56
54.43 Time State of Sea
Density: Surf. fms.
Wind: Direction West Force 4
Baromet. 30.08 Amt. of Clouds / State of Sea
Weather ~~W~~

Direction and Force of Current Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Inter. Apparatus and Rig used 4' Inter + Fords

Remarks: Wind blowing from N.E. h. m.
Observing

Deck Officer Mr. Glancy Recorder Charles
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.			
P	M. Down.	UP.	P	M. Down.	UP.	P	M.
3	68	30	3	18	30	3	18
			0				
			100				
			200				
			300				
			400				
			500				
			600				
			700				
			800				
			900				
			1000				
			1100				
			1200				
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			2400				
			2500				
			2600				
			2700				
			2800				
			2900				
			3000				
			3100				
			3200				
			3300				
			3400				
			3500				
			3600				
			3700				
			3800				
			3900				
			4000				
			4100				
			4200				
			4300				
			4400				
			4500				
			4600				
			4700				
			4800				
			4900				

Hand Log } No. 100 Date, 19 / 19
 Hydrog. } Reel Shot
 Sdg. Mech. } Lead lbs.
 Turns Cor'n Depth 10 fms.
 Sdg. Cup Amt. Bot'm Sample
 Character of Bottom
 Thermom. { Make VV No. 64479 Cor'n Instr. Stem
 Bottom Reading 53.8 Cor'd Temp. 53.73
 Temp. Surf. { Time 11:30 A.M. Air
 / 17:00 Time
 Density: Surf. fms.
 Wind: Direction W. Force 2-3
 Baromet. 30.0 Amt. of Clouds / State of Sea C
 Weather W.

Direction and Force of Current { Surface
 / Bottom

Tide

General Locality

Position

Chart used: No. Ed'n.

Drift: Direction Distance

Depth of Haul Inter.

Apparatus and Rig used U. S. Fish Commission

Remarks: U.S. Fish Commission
 U.S. Fish Commission

Time towing h. m.

Deck Officer W. H. Gray Recorder 11:30 P.M.
 W. H. Gray

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
3	1/2	3	0	3	1/2	3
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
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			3600			
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			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
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			4500			
			4600			
			4700			
			4800			
			4900			

Deudorix No. 500 Date, Feb. 17, 1917
Hydrog. Sdg. Mech. Sdg. Cup Character of Bottom
Sdg. Reel Cor'n Sample

Turns Cor'n Depth 11 fms.
Sdg. Cup Amt. Bot'm

Character of Bottom S.M.

Thermom. { Make N. J. Cor'n { Instr.
No. 677 Stem.

Bottom Reading 51.6° Cor'd Temp.

Temp. Surf. { 52.8° Time 10:26 AM } Air
Time

Density: Surf. fms.

Wind: Direction NW Force 1

Baromet. 30.22 Amt. of Clouds 4 State of Sea S

Weather Fez

Direction and Force of Current { Surface
of Current. Bottom

Tide Ebb

General Locality San Francisco /
Position { Lat. 37° 45' N. Long. 122° 15' W.

Chart used: No. C. & G. 5521 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used 11' Net + 2' Lead

Remarks: Water depth 11 m.

Deck Officer W.H. Steward Recorder

SOUNDING WIRE.

M. DOWN. | UP. M.
 10 10 10 26 40

FMS.

DREDGING CABLE.

M. DOWN. | UP. M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. 5010. Date, Feb 27, 1911
Hydrog. }
Sdg. Meth. Line Reel Shot } 2 1/2 lbs.
Turns Cor'n Depth $7\frac{1}{2}$ fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom S. S.
Thermom. { Make T. C. Instr.
No. 69479. Cor'n { Stem.
Bottom Reading 57.6° Cor'd Temp. 52.53°
Temp. Surf. { 53° Time 11:13:30 AM Air {
Baromet. 30.27 Amt. of Clouds 6 State of Sea S
Density: Surf. fms.
Wind: Direction Calm Force 0
Weather: Dry

Direction and Force { Surface
of Current. { Bottom

Tide Ebb

General Locality $10^{\circ} 57' S$ $170^{\circ} 27' E$
Position $10^{\circ} 57' S$ $170^{\circ} 27' E$
Chart used: No. C & 5521 Ed'n
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used 4' Inter & 2 Ropicks

Time towing h. m.
Remarks: Water

Deck Officer Mr. Stanley Recorder { T. M. L.
11-1023

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.	M. DOWN.	UP.	M.
11	01	30	11	15	00
		0			
		100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2400			
		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

Hydrog. } No. 5011 Date, Feb. 27, 1917
 Sdg. Mech. Line 100' Reel Shot Lead 36 lbs.
 Turns Cor'n Depth fms.
 Sdg. Cup Amt. Bot'm Sample
 Character of Bottom SW

Thermom. { Make 71° Cor'n { Instr.
 No. 69479 Stem
 Bottom Reading 52.5° Cor'd Temp. 52.43

Temp. Surf. { 50.5° Time 12:35 a.m. { Air
 50.33 Time

Density: Surf. fms.

Wind: Direction Force

Baromet. 30.28 Amt. of Clouds 6 State of Sea S

Weather

Direction and Force { Surface
 of Current. { Bottom

Tide Ebb

General Locality San Francisco
 Position Lat 37° 12' N - Long. 122° 34' W

Chart used: No. CS 5531 Edn.

Drift: Direction Distance

Depth of Haul

Apparatus and Rigs used

Time towing h. m.

Remarks: Water

Deck Officer Mr. Stanley Recorder 11.1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
11	26	20	11	36	20	0
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Breadth } No. 1000 Date, June 27, 1915
Hydrog. }
Sdg. Mch. Cons. Reel Shot Lead lbs.

Turns Cor'n Depth 6' fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make N.Y. Cor'n { Instr.
{ No. 69479 Stem.

Bottom Reading 53.0° Cor'd Temp. 52.93

Temp. Surf. { 53.6° Time 12:51 } Air {
{ Time }

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.21 Amt. of Clouds 0 State of Sea S

Weather

Direction and Force { Surface
of Current. Bottom

Tide

General Locality

Position

Chart used: No. Ed'n ..

Drift: Direction Distance

Depth of Haul Near

Apparatus and Rig used 1' Intermediate, 2 Kefid

Time towing h. m.

Remarks: Plaster bottle used

Deck Officer Recorder 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
2 M. DOWN.	UP.	2 M.		2 M. DOWN.	UP.	2 M.
12	12	12	0	12	12	12
100			100			100
200			200			200
300			300			300
400			400			400
500			500			500
600			600			600
700			700			700
800			800			800
900			900			900
1000			1000			1000
1100			1100			1100
1200			1200			1200
1300			1300			1300
1400			1400			1400
1500			1500			1500
1600			1600			1600
1700			1700			1700
1800			1800			1800
1900			1900			1900
2000			2000			2000
2100			2100			2100
2200			2200			2200
2300			2300			2300
2400			2400			2400
2500			2500			2500
2600			2600			2600
2700			2700			2700
2800			2800			2800
2900			2900			2900
3000			3000			3000
3100			3100			3100
3200			3200			3200
3300			3300			3300
3400			3400			3400
3500			3500			3500
3600			3600			3600
3700			3700			3700
3800			3800			3800
3900			3900			3900
4000			4000			4000
4100			4100			4100
4200			4200			4200
4300			4300			4300
4400			4400			4400
4500			4500			4500
4600			4600			4600
4700			4700			4700
4800			4800			4800
4900			4900			4900

Dredge } No. 1502 Date, 7..... , 1912
Hydrog. }

Sdg. Mech. Frank J. Hart Throat } 24 lbs.
Lead }

Turns Cor'n Depth 5' fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make N.Y. Cor'n { Instr.
No. 69479 Stem.

Bottom Reading 53.2° Cor'd Temp. 53.13

Temp. Surf. { 53.3° Time 1 P.M. } Air
Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.22 Amt. of Clouds / State of Sea

Weather Calm

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul nearly at bottom

Apparatus and Rig used 4' Gaff

Cutter

Time towing h. m.

Remarks: Went down to bottom and took a sample of sand and mud. Found a small amount of oil in the sand and a few small pieces of coal.

Went up the road

Deck Officer W.H. Johnson Recorder J. C. Hart

SOUNDING WIRE.			FMS.	DREDGING CABLE.			
P M.	DOWN.	UP.	M.	P M.	DOWN.	UP.	P M.
12	58	45	1	08	14	11	08
				0	12	18	30
				100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
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				3900			
				4000			
				4100			
				4200			
				4300			
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				4600			
				4700			
				4800			
				4900			

Dredge } No. 5014 Date, Feb. 27, 1912
Hydrog.

Sdg. Mech. Fired ... Reel ... Shot } 24 lbs.
Lead }

Turns Cor'n Depth 4' fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make 11 Cor'n Instr.
No. 69479 Stem,

Bottom Reading 52.9° Cor'd Temp. 52.83

Temp. Surf. { 53° Time 12.52 Air
Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.19 Amt. of Clouds 1 State of Sea S

Weather Key

Direction and Force of Current. { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Near bottom

Apparatus and Rig used 4' Dredge

2' Dredge, 1' Dredge

Time towing h. m.

Remarks: Off the coast of California

Deck Officer Jesse Stiles Recorder John C. ... 11-1023

SOUNDING WIRE			FMS.	DREDGING CABLE		
M. Down.	Up.	M.		M. Down.	Up.	M.
/ 420	✓ 400	/ 380	57	0	/ 170	✓ 160
				100		
				200		
				300		
				400		
				500		
				600		
				700		
				800		
				900		
				1000		
				1100		
				1200		
				1300		
				1400		
				1500		
				1600		
				1700		
				1800		
				1900		
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				2700		
				2800		
				2900		
				3000		
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				3200		
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				3400		
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				3900		
				4000		
				4100		
				4200		
				4300		
				4400		
				4500		
				4600		
				4700		
				4800		
				4900		

Dredge } No. 4. Date, 1915
 Hydrog. } Sdg. Mch. Kerosene and steel. Shot } 2 lbs.
 Sdg. Cup Cor'n Depth fms.
 Character of Amt. Bot'm Sample
 Bottom
 Thermom. { Make H. Z. Cor'n { Instr.
 No. 69479 Cor'n { Stem.
 Bottom Reading 52.3° Cor'd Temp. 52.93
 Temp. Surf. { 52.3.2° Time 2:11 Air { 52.93°
 Time
 Density: Surf. fms.
 Wind: Direction Calm Force 0
 Baromet. 30.19 Amt. of Clouds 1 State of Sea
 Weather
 Direction and Force { Surface
 of Current. { Bottom
 Tide
 General Locality
 Position
 Chart used: No. Ed'n
 Drift: Direction Distance
 Depth of Haul Close to bottom
 Apparatus and Rig used 4' Winch
 1 min. 10 sec.
 Remarks: Catching bottom

Deck Officer Mr. Stanley Recorder G. C. M. 41-1023
 11-1023

SOUNDING WIRE.

M. DOWN.	UP.	M.
2 01 30	2 11 30	

FMS.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

DREDGING CABLE.

M. DOWN.	UP.	M.
2 05 00	2 10 30	

Hydrog. } No. 5016 Date, Feb 27, 1912
Hydrog. }

Sdg. Mch. Standard Rock } Weight 28 lbs.

Turns 1 Cor'n 1 Depth 4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make N.Y. Cor'n { Instr.
No. 69479 Cor'n { Stem.

Bottom Reading 55.3° Cor'd Temp. 52.93

Temp. Surf. { 55.3° Time 2.32 } Stir { 52.93 °
Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.17 Amt. of Clouds 2 State of Sea 8

Weather 20° /

Direction and Force { Surface
of Current. Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Close to bottom

Apparatus and Rig used 4' D. L. 2' 10' 10' 10'
1 sander

Time towing h. m.

Remarks: 01.50 20 min.

Deck Officer Recorder 11-1023

SOUNDING WIRE. M. DOWN, ↑ UP. M.	FMS.	DREDGING CABLE. M. DOWN. UP. M.
2 21 00 2 31 25	0	2 22 00 2 30 00
	100	
	200	
	300	
	400	
	500	
	600	
	700	
	800	
	900	
	1000	
	1100	
	1200	
	1300	
	1400	
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	1700	
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	2000	
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	2200	
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	2700	
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	3200	
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	3600	
	3700	
	3800	
	3900	
	4000	
	4100	
	4200	
	4300	
	4400	
	4500	
	4600	
	4700	
	4800	
	4900	

Dredge } No. 501 Date, Feb 27, 1912
Hydrog. }

Sdg. Mch. Standardized Rest Shot } 2 lbs.
Lead }

Turns Cor'n Depth 5 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make H.G. Cor'n { Instr.
No. 69479 Cor'n { Stem.

Bottom Reading 52.8 Cor'd Temp. 52.73

Temp. Surf. { 52.8° Time 9.01 Air { 54.5°
Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.17 Amt. of Clouds 3 State of Sea S

Weather S

Direction and Force { Surface
of Current. { Bottom

Tide.

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Close to bottom

Apparatus and Rig used 4' Dredge, 100 ft. cable,
1. current

Time towing h. m.

Remarks:

Deck Officer Mrs. ... Recorder ... 11-1023

SOUNDING WIRE.

M. DOWN. | UP. | P.M.

FMS.

DREDGING CABLE.

P.M. DOWN. | UP. | P.M.

2	51.00	3.01	15	0	2	51.00	2.67	30
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
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				1400				
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				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

After H. 1918

Dredge } No. 114 Date, Feb 15, 1918
Hydrog. } Sdg. Mch. Reel Shot lbs.
Sdg. Mch. 100 ft. 100 ft. 100 ft.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom soft

Thermom. { Make Cor'n { Instr.
Temp. Surf. { No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 53 Time 10:16 AM Air { 57
Temp. Surf. { 53 Time 10:30 AM Air { 61°

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.011 Amt. of Clouds 7 State of Sea

Weather hazy

Direction and Force of Current { Surface
of Current { Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used 5' T 150 lbs

2 men of weight 1 weight

1 (or 2) vol. 1 weight

Time towing h. 18 m.

Remarks:

Deck Officer 1st M. Letting Recorder 11-1023
11-1023

SOUNDING WIRE.

M. Down. | UP. M.

FMS.

DREDGING CABLE.

M. Down. | UP. M.

		0	10	13	30	10	36	30
		-400	10	16	20	10	34	20
		200						
		300						
		400						
		500						
		600						
		700						
		800						
		900						
		1000						
		1100						
		1200						
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		2800						
		2900						
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		3200						
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		3900						
		4000						
		4100						
		4200						
		4300						
		4400						
		4500						
		4600						
		4700						
		4800						
		4900						

H. J. G. S. C. 18.

Dredge } No. 3 Date, 11/1/15
Hydrog. } Reel Shot } lbs.
Sdg. Mch. } Cor'n Lead }
Turns _____ Cor'n _____ Depth 9' fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Soft

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.
Temp. Surf. { 50° Time 11:09 A 65°
50° Time 11:25 P Air 66°

Density: Surf. fms.

Wind: Direction Variable Force 0-1

Baromet. 29.09 Amt. of Clouds 7 State of Sea S.

Weather Fair

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used 5' Tamm. Tander
2 min. gear fish 1 Tard. weight
2 glass flo. 1 hundred bag
Time towing h. 15 m.

Remarks:

Deck Officer Wm. J. Clegg Recorder Chas. 11-1023

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. | UP. M.

M. Down. | UP. M.

0
25
100
20011 07 20 | 11 26 00
11 09 10 | 11 24 40300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
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3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900Hyd. 5019
89.

Algo H 5020

Feb. 28, 1915

Dredge } No. 5716 Date, Feb. 28, 1915
Hydrog. }
Sdg. Mch. T. J. Smith Reel Shot Leads 14 lbs.
Turns Cor'n Depth fms. 6 fms.
Sdg. Cup Amt. Bot'm Sample 9 "
Character of Bottom

Thermom. { Make Instr.
No. Cor'n Stem.

Bottom Reading Cor'd Temp.
Temp. Surf. { 51° Time 1:13 P.M. 77°
57° Time 1:28 P.M. Air 77°

Density: Surf. fms.

Wind: Direction Calm Force 0
Baromet. 30.02 Amt. of Clouds 6 State of Sea 3

Weather

Direction and Force of Current. { Surface
Bottom

Tide Ebb

General Locality San Pablo Bay

(Pt. Pinole N80E Proj. 14 miles
Position 37° 15' Lat. 122° 55' Long.

Chart used: No. 75533 Ed'n.

Drift: Direction 221° Distance 1.0

Depth of Haul Bottom

Apparatus and Rig used 5' Trawl dragnet

with dredge

Time towing h. 1 m.

Remarks: The net or trawl line of
Dredge bottomed in mud
from San Pablo water to rail

Deck Officer W. H. Hobbs Recorder
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.	M.	M.	UP.	M.
			0	1	//	00
			25	13	00	129 35
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
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			1900			
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			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

also D 5716

Dredge No. 5716 Date, Feb. 28, 1912
Hydrog. Hydrographer Reel Shot Lead 15 lbs.

Turns Cor'n Depth 9 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom ✓

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 51° Time 1:28 p.m. } Air { 77°
Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 30.02 Amt. of Clouds 6 State of Sea S

Weather

Direction and Force of Current. { Surface
Bottom

Tide Ebb

General Locality At 75° S - 11° W

Position 15° S - 11° E Lat. Long.

Chart used: No. CS 533 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Found a large amount of

old wood and debris. Some broken

and charred wood.

Also a small amount of

charred wood.

The wood is probably driftwood,

Deck Officer W. Bent Recorder G. J. Smith

11-1023

SOUNDING WIRE.

M. DOWN. | UP. M.

FMS.

DREDGING CABLE.

M. DOWN. | UP. M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Feb 11, 1911

Dredge No. 571 Date, Feb 11, 1911
Hydrog. Sdg. Mch. H. A. C. R. Reel Shot Lead 14 lbs.

Turns Cor'n Depth 7 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom 77

Thermom. { Make Cor'n { Instr.
No. Cor'n Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 51° Time 9:05 AM } Air { 68°
Time

Density: Surf. fms.

Wind: Direction Variable Force 0-1

Baromet. 30.02 Amt. of Clouds 6 State of Sea

Weather

Direction and Force of Current { Surface
Bottom

Tide Ebb

General Locality Can Park Is.

{ Mac Is. N 64° E Pt. Park 27° E

Position { Proth. 4 S 29° 17'

Chart used: No. CS 5723 Ed'n

Drift: Direction 224° Distance 1.0

Depth of Haul 20 fms

Apparatus and Rig used 5' Trawl or bottom

200 fms. bottom

Time towing 2 h. 18 m.

Remarks:

Deck Officer W. R. Miller Recorder J. C. A. -
11-1023

SOUNDING WIRE.		FMS.	DREDGING CABLE.			
M. Down.	Up.		M.	Up.	M.	
		0	✓	25 25	2	23 25
30	400		✓	08 20		
35	200		✓	17 00	✓	21 22
		300				
		400				
		500				
		600				
		700				
		800				
		900				
		1000				
		1100				
		1200				
		1300				
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		3900				
		4000				
		4100				
		4200				
		4300				
		4400				
		4500				
		4600				
		4700				
		4800				
		4900				

Dredge } No. 25221 Date, Feb 28, 1915
Hydrog. }
Sdg. Mech. } Reel Shot Leads 14 lbs.

Turns Cor'n Depth 7 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Instr.
No. Cor'n { Stem.

Bottom Reading 7° Cor'd. Temp. 67°
Temp. Surf. { Time 2:15 P.M. { Air
Time

Density: Surf. fms.

Wind: Direction Variable Force 1-2

Baromet. 30.00 Amt. of Clouds 6 State of Sea S

Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality San Pablo Bay
Position { At Point N 78 E - Poroche
H. S. 24 W - R. t. Side S 8 E

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

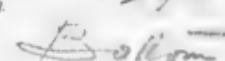
Remarks:

Deck Officer

Recorder

11-1023

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
M. DOWN.	UP.	M.	M. DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

Dredge } No. 718 Date, Feb. 12, 1912
Hudrog }
Sdg. Mech. Hand Reel Shot } 14 lbs.
Turns Cor'n Depth 7 1/2 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom 
Thermom. { Make Cor'n { Instr.
No. Cor'n { Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. { 51° Time 2:20 P.M. } Air
Time
Density: Surf. fms.
Wind: Direction Variable Force 0-1
Baromet. 29.94 Amt. of Clouds 6 State of Sea S
Weather 
Direction and Force of Current { Surface
Bottom
Tide Ebb
General Locality 
Position (Drury Pt. Smith - Chimney Pt N 32° W
Chart used: No. CS 5532 Ed'n
Drift: Direction 124° Distance 0.9
Depth of Haul 
Apparatus and Rig used 
Time towing — h. 22 m.

Remarks:

Deck Officer  Recorder  11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0	3	1	9
			400	5	0	4
			200	45	3	45
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
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			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 15022 Date, Jan 28, 1912
Hydrog. }

Sdg. Mech. Reel Shot Lead 10 lbs.

Turns Cor'n Depth 9 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Instr.
Cor'n { No. Stem.

Bottom Reading Cor'd. Temp.

Temp. Surf. { 57° Time 3:45 P.M. Air } 58°
Time

Density: Surf. fms.

Wind: Direction Force 2

Baromet. 29.98 Amt. of Clouds State of Sea S

Weather

Direction and Force of Current { Surface
Bottom

Tide Ebb

General Locality San Francisco Bay

Position (San Francisco Sh. 11 N 8 E - Block Pt S 38 W - Channel, Pt N 57 W

Chart used: No. 65532 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer W. C. Smith Recorder J. M. West

11-1923

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	Down.	Up.	M.	M.	Up.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
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			1900			
			2000			
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			2200			
			2300			
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			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge No. 52 Date, Oct. 1, 1912

Hydrog. Trawl Net & Rake Shot 14 lbs.

Turns Cor'n Depth 6 1/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom.	Make	Cor'n	Instr.
	No.		Stem.

Bottom Reading Cor'd Temp.

Temp. Surf.	51° Time 10:47	53° Air
	61° Time 11:08	63°

Density: Surf. fms.

Wind: Direction Force

Baromet. 29.88 Amt. of Clouds State of Sea

Weather

Direction and Force of Current.	Surface
	Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used 5' Trawling net, wire
2 glass floats, 1 line weight, 2 wire
weights, 1 m. dredge

Time towing h. m.

Remarks: Towed by boat

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
Q. M.	Down.	Up.	Q. M.	Q. M.	Up.	Q. M.
			0	10	11 07	40
			100	10 46	10 06	10
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
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			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. No. 325. Date, 19/2

Sdg. Mch. 1600' Reel. 14 lbs.

Turns Cor'n Depth 6 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Cor'n Stem.

Bottom Reading Cor'd. Temp.

Temp. Surf. { 51 Time 11:08 } Air { 55
Time

Density: Surf. fms.

Wind: Direction South Force 1+

Baromet. 29.85 Amt. of Clouds 10 State of Sea 5

Weather Fog

Direction and Force of Current. { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer P. C. T. C. Recorder C. E. H. May
11-1023

SOUNDING WIRE.

M. DOWN. | UP. | M.

FMS.

DREDGING CABLE.

M. DOWN. | UP. | M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge No. 2 Date, Aug. 19, 1912
Hydrog. Sdg. Mech. Reel Shot
Sdg. Cup Sample Leads lbs.

Turns Cor'n Depth 14 2/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom (S) Sand

Thermom. { Make Instr. Cor'n { Stem.
No.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time } Air { 52 Time }

Density: Surf. fms.

Wind: Direction S. W. Force 2

Baromet. 29.89 Amt. of Clouds 10 State of Sea S

Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used 5' Tanner

Size of Fish 2 mm. length

Weight 1 mm. bag.

V Time towing h. 11 m.

Remarks:

Deck Officer W. J. Recorder

SOUNDING WIRE.

M. Down. | Up. M.

FMS.

DREDGING CABLE.

M. Down. | Up. M.

0	/	13	/	30	00
400	/	16	30	27	20
200					
300					
400					
500					
600					
700					
800					
900					
1000					
1100					
1200					
1300					
1400					
1500					
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3700					
3800					
3900					
4000					
4100					
4200					
4300					
4400					
4500					
4600					
4700					
4800					
4900					

Dredge No. 1 Date, 11 Dec., 1911
Hydrog. Hand Reel Shot Lead lbs.
Sdg. Mech. / / / / /

Turns Cor'n Depth // fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Chalky sand

Thermom. { Make Instr. / /
Temp. Surf. { No. Stem. / /

Bottom Reading Cor'd Temp. / /

Temp. Surf. { 54 Time f. 20 f. } Air { 54
Time / / / / / /

Density: Surf. fms. / /

Wind: Direction S. W. Force 2

Baromet. 29.7 / / Amt. of Clouds / 0 State of Sea 5

Weather / / / / / /

Direction and Force of Current { Surface / /
Bottom / / / / / /

Tide / / / / / /

General Locality / / / / / /

Position / / / / / /

Chart used: No. Ed'n / /

Drift: Direction Distance / /

Depth of Haul / / / / / /

Apparatus and Rig used / / / / / /

Time towing h. m.

Remarks:

Deck Officer T. J. C. Recorder J. C. G. 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.	M.	M.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
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			1900			
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			2500			
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			2700			
			2800			
			2900			
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			3100			
			3200			
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			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge No. 11 Date, Oct. 1, 1917
 Hydrog. 11' Sdg. Mech. 11' Reel Shot Lead 14 lbs.
 Turns Cor'n Depth 8 1/2 fms.
 Sdg. Cup Amt. Bot'm Sample
 Character of Bottom Gray sand
 Thermom. { Make Cor'n { Instr.
 No. Stem.
 Bottom Reading Cor'd Temp.
 Temp. Surf. { 52 Time 1:24 P.M. } Air { 55
 52 Time 2:23 P.M. } Sea 53
 Density: Surf. fms.
 Wind: Direction S.W. Force 2
 Baromet. 29.71 Amt. of Clouds / State of Sea
 Weather
 Direction and Force { Surface
 Bottom
 Tide
 General Locality
 Position
 Chart used: No. Ed'n
 Drift: Direction Distance
 Depth of Haul Bottom
 Apparatus and Rig used 9' Agassiz, 1 deck
 3' surface float, 10' chain, 10' line
 12' weight line, 10' drag line
 Time towing 5 h. 28 m.
 Remarks:
 Deck Officer Mr. Davis Recorder J. C. G.
 11-1023

SOUNDING WIRE.

M. DOWN. | UP. M.

FMS.

DREDGING CABLE.

P M. DOWN. | UP. P M.

0

30 100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Deedate } No. 12 Date, 19/1
Hydrog. }
Sdg. Mch. Reel Shot } lbs.
Leads }
Turns Cor'n. Depth 8 fms.

Sdg. Cup Amt. Bot'm Sample
Character of Bottom /

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 2/230° } Air } 53
Time

Density: Surf. fms.

Wind: Direction S. W. Force 2

Baromet. 29.88 Amt. of Clouds 10 State of Sea S

Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer / C. O. / Recorder / O. C. / C. O.
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
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			3700			
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			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 7 Date, Feb. 1, 1911
Hydrog. } Sdg. Mch. Rei Shot } Lead lbs.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom fine gravel
Thermom. { Make Cor'n { Instr.
No. Stem.
Bottom Reading Cor'd. Temp.
Temp. Surf. { Time 7:15
Time 3:15 } 10° F. 55° F.
Density: Surf. fms.
Wind: Direction S.W. Force 2
Baromet. 29.98 Amt. of Clouds 10 State of Sea S.
Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used

Time towing h. m.
Remarks: X tow 17 minute w. 11

Deck Officer 11:00 Recorder 11:00
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0	2	44	30
			100	2	46	30
			200	3	04	15
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
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			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5 C. 26 Date, March 1, 1919
Hydrog. }
Sdg. Mech. } A. M. J. H. V. Reel Shot / 14 lbs.

Turns Cor'n Depth 4 3/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Rocks & sand

Thermom. { Make Instr.
No. Cor'n Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time 31.12° F. Air {
Time

Density: Surf. fms.

Wind: Direction S.W. Force 2

Baromet. 29.90 Amt. of Clouds 9 State of Sea S

Weather DRY

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer J. J. T. Recorder C. J. G.
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	Down.	Up.	M.	M.	Up.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
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			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge No. 5223 Date, July 19, 1912
Hydrog. Sdg. Mech. Handled Reel Shot
Sdg. Cup Level 1st lbs.

Turns Cor'n Depth 9 fms.
Sdg. Cup Amt. Bot'm Sample

Character of Bottom Stony

Thermom. { Make Cor'n { Instr.
No. - Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 58° Time 10:12 AM Air { 75°
Time

Density: Surf. fms.

Wind: Direction S E Force 5

Baromet. 29.92 Amt. of Clouds 9 State of Sea

Weather clear

Direction and Force of Current { Surface
Bottom

Tide Fl.

General Locality San Francisco Bay

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used T. T. D. D. 2 m.
Tops.

Time towing ~ h. 2 m.

Remarks: When heaving in at 10:12 a.m., wire broke and was lost in stone bottom. Threw it out again in wire cut from the bottom at 10:15 a.m. and recovered while in transit.

Deck Officer Mr. C. J. ... Recorder ... 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	UP.	M.		M. Down.	UP.	M.
			0	10	10	10
			35	400	10	15
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
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			2800			
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			3000			
			3100			
			3200			
			3300			
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			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Bredge } No. 5027 Date, Oct 6, 1922
Hydrog. }
Sdg. Mech. Hand Reel Shot Leads lbs.

Turns Cor'n Depth // fms.
Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 50° Time 10:55 AM { Air { 20°
Time

Density: Surf. fms.

Wind: Direction SE Force 5

Baromet. 29.94 Amt. of Clouds 6 State of Sea C

Weather

Direction and Force { Surface
of Current. { Bottom

Tide

General Locality San Francisco Bay

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer W. J. Clancy Recorder E. T. M. -
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M.	DOWN.	UP.	M.	M.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
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			1600			
			1700			
			1800			
			1900			
			2000			
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			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge No. 5714 Date, Tides 6, 1912

Sdg. Mch. Hand line Reel Shot
Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. .
No. Cor'n { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 57° Time 11:25 P.M. } Air { 52°
57° Time 11:35 P.M. } 52.5°

Density: Surf. fms.

Wind: Direction S.E. Force 2-4

Baromet. 29.98 Amt. of Clouds State of Sea

Weather

Direction and Force of Current. { Surface
Bottom

Tide

General Locality San Francisco Bay

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul 50 fms.

Apparatus and Rig used. 9' Agassiz, glass floor
Dredging apparatus, 1 foot swing net, 1 fisher

Time towing h. m.

Remarks: The dredge was used to bring up

the drift net.

Deck Officer Mr. Cleary Recorder C. H. Long.

11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	UP.	M.		P.	M.	
			0	21	00	108 40
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
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			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
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			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Drift or No. 575 Date, Oct. 19 '12

Hydrog. Sdg. Mch. Reel Shot Lead lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Cor'n Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 57° Time 1.39? { Air 53°
Time

Density: Surf. fms.

Wind: Direction N.E. Force 3

Baromet. 29.96 Amt. of Clouds 0 State of Sea

Weather Fog

Direction and Force of Current { Surface
of Current Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer T. D. Recorder Oct. 11-1023

SOUNDING WIRE.

M. DOWN.	UP.	M.
----------	-----	----

FMS.

DREDGING CABLE.

M. DOWN.	UP.	M.
----------	-----	----

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge No. 1 Date, Aug. 12, 19

Hydrog. Sdg. Mech. Rest Shot Leads lbs.

Turns Cor'n Depth 7 1/2 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom.

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd. Temp.

Temp. Surf. { 57° Time 11:00 } Air { 63.5°
5.0° Time 2:00 Air 52.

Density: Surf. fms.

Wind: Direction N.E. Force 3

Baromet. 30.27 Amt. of Clouds 8 State of Sea

Weather fog

Direction and Force { Surface
of Current. Bottom

Tide

General Locality 31° E. Long.

Position

Chart used: No. Ed'n.

Drift: Direction Distance

Depth of Haul 5 fms.

Apparatus and Rig used 5' Trawl, 1 windlass,

2

Time towing h. m.

Remarks:

Deck Officer T. J. C. Recorder G. L. 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.			
M.	DOWN.	UP.	M.	M.	DOWN.	UP.	M.
			0	1	80	80	
			33° 100	1	5° 3	5° 3	
			200				
			300				
			400				
			500				
			600				
			700				
			800				
			900				
			1000				
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			3600				
			3700				
			3800				
			3900				
			4000				
			4100				
			4200				
			4300				
			4400				
			4500				
			4600				
			4700				
			4800				
			4900				

Dredge } No. 1. Date, July 6, 1912
Hydrog. }

Sdg. Mch. 7 fms. from bottom Recd. 1.5 lbs.

Turns Cor'n Depth 7 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 50° Time 2:08 P.M. } Air
Time

Density: Surf. fms.

Wind: Direction N.E. Force 2

Baromet. 29.95 Amt. of Clouds 10 State of Sea

Weather D

Direction and Force { Surface
of Current. Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer T. C. O'Neil Recorder R.C. 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.			
M.	DOWN.	UP.	M.	M.	DOWN.	UP.	M.
			0				
			100				
			200				
			300				
			400				
			500				
			600				
			700				
			800				
			900				
			1000				
			1100				
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			2700				
			2800				
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			3000				
			3100				
			3200				
			3300				
			3400				
			3500				
			3600				
			3700				
			3800				
			3900				
			4000				
			4100				
			4200				
			4300				
			4400				
			4500				
			4600				
			4700				
			4800				
			4900				

Dredge No. 67/26 Date, Nov. 19th
 Hydrog. R. 19th Rel'd Shot
 Sdg. Mch. Standard Lead lbs.
 Turns Cor'n Depth 6 2/4 fms.
 Sdg. Cup Amt. Bot'm Sample
 Character of Bottom
 Thermom. { Make Instr. Cor'n { Stem.
 Temp. Surf. { No. Time 10th, 20. Air { 10th
 Temp. Surf. { Time 11, 02. Air { 54.5°
 Density: Surf. fms.
 Wind: Direction Various Force 1
 Baromet. 30.20 Amt. of Clouds 8 State of Sea
 Weather Sig

Direction and Force { Surface
 of Current. { Bottom

Tide

General Locality Long. 120° E.

Position

Chart used: No. Rd'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used 7' dredge, 150' chain
 1 line, 200' 2' weight, 100' 2'
 3' weight, 100' weight (3' weight)
 Time towing h. 1/2 m.

Remarks: Bottom

Deck Officer John G. Recorder G. E. C. 11-4023

SOUNDING WIRE.

M. DOWN. | UP. M.

FMS.

DREDGING CABLE.

M. DOWN. | UP. M.

0	10 3 6	20	11 3 1	10
100	10 3 1	10	10 3 1	10
200				
300				
400				
500				
600				
700				
800				
900				
1000				
1100				
1200				
1300				
1400				
1500				
1600				
1700				
1800				
1900				
2000				
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2700				
2800				
2900				
3000				
3100				
3200				
3300				
3400				
3500				
3600				
3700				
3800				
3900				
4000				
4100				
4200				
4300				
4400				
4500				
4600				
4700				
4800				
4900				

Hydrog. } No. 252 Date, Oct. 8, 1910
 Sdg. Mech. Tension, lbs. Lead, lbs.
 Turns Cor'n Depth 47 fms.
 Sdg. Cup Amt. Bot'm Sample
 Character of Bottom
 Thermom. { Make Cor'n { Instr.
 No. Stem
 Bottom Reading Cor'd Temp.
 Temp. Surf. { 52° Time 11.02 } Air { 54.5
 Time
 Density: Surf. fms.
 Wind: Direction N Force 1
 Baromet. 30.20 Amt. of Clouds 7 State of Sea
 Weather fog
 Direction and Force { Surface
 of Current. Bottom
 Tide
 General Locality
 Position
 Chart used: No. Md'n
 Drift: Direction Distance
 Depth of Haul
 Apparatus and Rig used
 Time towing h. m.
 Remarks:

SOUNDING WIRE.

M. Down. | Up. | M.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge No. 577 Date, 21 June 1919
Hydrog. Sdg. Mech. Hand Reel Heavy Leads
Sdg. Cup lbs.

Turns Cor'n Depth 5 3/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n Instr.
Temp. Surf. { No. Cor'n Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52° Tim. 1/2 2:25 P.M. Air 59°
Baromet. 30.14 Amt. of Clouds 8 State of Sea S
Wind: Direction Force

Weather fair

Direction and Force { Surface
of Current. Bottom

Tide

General Locality Off coast of Florida

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used 9' dredge

Time towing — h. — m.

Remarks: Bottom very rocky!
It's just below sandbank
Not enough to catch

Deck Officer Mr. R. D. T. R. D. T. R. D. T. Recorder A. M. T. A. M. T. A. M. T.
11-1023

SOUNDING WIRE.

M. Down, ↑ Up, ↓ M.

FMS.

DREDGING CABLE.

(M. Down, ↑ Up, ↓ M.)

	0
	35-100
	200
	300
	400
	500
	600
	700
	800
	900
	1000
	1100
	1200
	1300
	1400
	1500
	1600
	1700
	1800
	1900
	2000
	2100
	2200
	2300
	2400
	2500
	2600
	2700
	2800
	2900
	3000
	3100
	3200
	3300
	3400
	3500
	3600
	3700
	3800
	3900
	4000
	4100
	4200
	4300
	4400
	4500
	4600
	4700
	4800
	4900

12	40	25	10	20
12	43	20	12	58
				20

Breadth } No. 5221 Date, Oct 8, 1912
Hydrog } Sdg. Mech. Handland Reel 14 lbs.

Turns Cor'n Depth 514 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.
Temp. Surf. { 52° Time 10' & { 52°
Time { 10' { 52°

Density: Surf. fms.

Wind: Direction North Force 2

Baromet. 70.15 Amt. of Clouds 5 State of Sea S

Weather

Direction and Force of Current { Surface
of Current { Bottom

Tide

General Locality San Francisco

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. A. J. Recorder 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	UP.	M.		M. Down.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
1			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5722 Date, Sept. 8, 1912
Hydrog. }
Sdg. Mch. } Hauler
Reel

Shot Leads 1/2 lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 72° Time 121 7° { Air
Time

Density: Surf. fms.

Wind: Direction North Force 2

Baromet. 30.12 Amt. of Clouds 5 State of Sea

Weather Land.

Direction and Force { Surface
of Current. Bottom

Tide

General Locality - 100 fms.

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul 50 fms.

Apparatus and Rig used 5 ft. chain

150-lb. C. & S. Trawl net 10 ft. diameter

2 chain links

Time towing - h. 35 m.

Remarks: While working out the bottom, found net at bottom bottom up. Net coming along and breaking some part.

Deck Officer Mr. Fle Recorder A. M. Kell -

SOUNDING WIRE.

M. DOWN. | UP. M.

FMS. DREDGING CABLE.

(P) M. DOWN. UP. (P) M.

	0	/	47	00	/	77	00
	200	/	21	00	/	NT	00
	300						
	400						
	500						
	600						
	700						
	800						
	900						
	1000						
	1100						
	1200						
	1300						
	1400						
	1500						
	1600						
	1700						
	1800						
	1900						
	2000						
	2100						
	2200						
	2300						
	2400						
	2500						
	2600						
	2700						
	2800						
	2900						
	3000						
	3100						
	3200						
	3300						
	3400						
	3500						
	3600						
	3700						
	3800						
	3900						
	4000						
	4100						
	4200						
	4300						
	4400						
	4500						
	4600						
	4700						
	4800						
	4900						

Hydrog. } No. 5252 Date, 7/26/12, 1912
Hydrog. }
Sdg. Mch. } Reel Share / lbs.

Turns Cor'n Depth fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Instr.
No. Cor'n Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52° Time 1.57 3 { Air
Time

Density: Surf. fms.

Wind: Direction Variable Force 3

Baromet. 30.12 Amt. of Clouds 7 State of Sea 5

Weather fog?

Direction and Force { Surface
of Current. Bottom

Tide

General Locality San Francisco

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: 11023

Deck Officer W. J. C. Recorder 7/26/12
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.			
M.	DOWN.	UP.	M.	M.	DOWN.	UP.	M.
			0				
			100				
			200				
			300				
			400				
			500				
			600				
			700				
			800				
			900				
			1000				
			1100				
			1200				
			1300				
			1400				
			1500				
			1600				
			1700				
			1800				
			1900				
			2000				
			2100				
			2200				
			2300				
			2400				
			2500				
			2600				
			2700				
			2800				
			2900				
			3000				
			3100				
			3200				
			3300				
			3400				
			3500				
			3600				
			3700				
			3800				
			3900				
			4000				
			4100				
			4200				
			4300				
			4400				
			4500				
			4600				
			4700				
			4800				
			4900				

Dredge No. 870 Date, March 8, 1913

Hydrographer, W. H. Miller Reel Shot Leads 18 lbs.

Turns Cor'n Depth 4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Instr. Cor'n { Stem.

Bottom Reading Cor'd. Temp.

Temp. Surf. { Time 2:40 P } Air { 62.5°
Time

Density: Surf. fms.

Wind: Direction Fair Force 2

Baromet. 29.11 Amt. of Clouds State of Sea S

Weather Fair

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position

Chart used: No. 1 Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used 9' 3' 1' 1' 1' 1' 1' 1'

for. 3' 3' 3' 3' 3' 3' 3' 3'

Set, 15' 15' 15' 15' 15' 15' 15' 15'

Time towing 1 h. 13 m.

Remarks:

Deck Officer

Mr. Netter Recorder

1775

11-1023

SOUNDING WIRE.

M. DOWN. | UP. M.

FMS.

DREDGING CABLE.

M. DOWN. | UP. M.

		0	2	3	4	5	6
		25	300	350	400	450	500
			200	250	300	350	400
			300	350	400	450	500
			400	450	500	550	600
			500	550	600	650	700
			600	650	700	750	800
			700	750	800	850	900
			800	850	900	950	1000
			900	950	1000	1050	1100
			1000	1050	1100	1150	1200
			1100	1150	1200	1250	1300
			1200	1250	1300	1350	1400
			1300	1350	1400	1450	1500
			1400	1450	1500	1550	1600
			1500	1550	1600	1650	1700
			1600	1650	1700	1750	1800
			1700	1750	1800	1850	1900
			1800	1850	1900	1950	2000
			1900	1950	2000	2050	2100
			2000	2050	2100	2150	2200
			2100	2150	2200	2250	2300
			2200	2250	2300	2350	2400
			2300	2350	2400	2450	2500
			2400	2450	2500	2550	2600
			2500	2550	2600	2650	2700
			2600	2650	2700	2750	2800
			2700	2750	2800	2850	2900
			2800	2850	2900	2950	3000
			2900	2950	3000	3050	3100
			3000	3050	3100	3150	3200
			3100	3150	3200	3250	3300
			3200	3250	3300	3350	3400
			3300	3350	3400	3450	3500
			3400	3450	3500	3550	3600
			3500	3550	3600	3650	3700
			3600	3650	3700	3750	3800
			3700	3750	3800	3850	3900
			3800	3850	3900	3950	4000
			3900	3950	4000	4050	4100
			4000	4050	4100	4150	4200
			4100	4150	4200	4250	4300
			4200	4250	4300	4350	4400
			4300	4350	4400	4450	4500
			4400	4450	4500	4550	4600
			4500	4550	4600	4650	4700
			4600	4650	4700	4750	4800
			4700	4750	4800	4850	4900
			4800	4850	4900		
			4900				

Hydrog. No. 22 Date, Nov 8, 1917
Sdg. Mch. 12 Reel 12 lbs.

Turns Cor'n Depth 43 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd. Temp.

Temp. Surf. { 52° Time 2:55:03 { Air { 65°
Time

Density: Surf. fms.

Wind: Direction Calm Force 0

Baromet. 29.10 Amt. of Clouds 3 State of Sea

Weather Calm

Direction and Force of Current { Surface
Bottom

Tide

General Locality San Francisco

{

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. A. E. Recorder 11-1023

SOUNDING WIRE.	FMS.	DREDGING CABLE.
M. Down. + Up.	M.	M. Down. Up.
	0	
	100	
	200	
	300	
	400	
	500	
	600	
	700	
	800	
	900	
	1000	
	1100	
	1200	
	1300	
	1400	
	1500	
	1600	
	1700	
	1800	
	1900	
	2000	
	2100	
	2200	
	2300	
	2400	
	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	
	4100	
	4200	
	4300	
	4400	
	4500	
	4600	
	4700	
	4800	
	4900	

Dredge No. 570 Date, Feb 2 S, 1913
Sdg. Mch. 100 ft Reel Shot Lead 14 lbs.

Turns Cor'n Depth ✓ fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 62° Time 2:16 53 { Air

Time

Density: Surf. fms.

Wind: Direction N Force 0-1

Baromet. 30.10 Amt. of Clouds 3 State of Sea S

Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality San Francisco

Position

Chart used: No. Edn

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used C. T. 200 ft. 200 ft.

Wind Dr. 10 sec. 10 sec.

Time towing - h. 12 m.

Remarks:

Deck Officer C. C. Recorder C. C. 11-1023

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
M. DOWN.	UP.	M.	M. DOWN.	UP. M.
		0	3	11 57 3 27 00
15 400			3	12 57 3 27 00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

Dredge } No. 526 Date, July 8, 1911
Hydrog. } Sdg. Mch. Hand Reel Shot } 14 lbs.
Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time 5:28 P.M. Air
Time

Density: Surf. fms.

Wind: Direction N. W. Force 0-1

Baromet. 30.08 Amt. of Clouds 3 State of Sea S

Weather Fair

Direction and Force of Current { Surface
Bottom

Tide

General Locality Am. Fr. S. C. -

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towed h. m.

Remarks:

Deck Officer W. R. Recorder C. C. J. 11-1023

SOUNDING WIRE.

M. Down. | UP. M.

FMS.

DREDGING CABLE.

M. Down. | UP. M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Dredge } No. 5731 Date, March 11, 192
Hydrog. } Hand line fwd Reel Shot } 14 lbs.
Sdg. Mch.

Turns Cor'n Depth 16 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Instr.
No. Cor'n Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 57 Time 9:53 AM 50°
57 Time 10:02 AM Air 58°

Density: Surf. fms.

Wind: Direction E Force 2

Baromet. 30.10 Amt. of Clouds 10 State of Sea C

Weather 53P

Direction and Force of Current. { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used 9' Agagizing 1' mud
bag; 1 sinker & wing weights;
1 tail weight; 3 glass floats.
Time towing h. 10²/₃ m.

Remarks:

Deck Officer M. A. Stanley Recorder A. W. Smith
M. A. St. J. 1023

M. A. St. J.

SOUNDING WIRE.			FMS.	DREDGING CABLE.			
M. DOWN.	UP.	M.		A.	M. DOWN.	UP.	A.
			0	9	47	00	10 05 30
60	100		9	51	00	10 01	40
			200				
			300				
			400				
			500				
			600				
			700				
			800				
			900				
			1000				
			1100				
			1200				
			1300				
			1400				
			1500				
			1600				
			1700				
			1800				
			1900				
			2000				
			2100				
			2200				
			2300				
			2400				
			2500				
			2600				
			2700				
			2800				
			2900				
			3000				
			3100				
			3200				
			3300				
			3400				
			3500				
			3600				
			3700				
			3800				
			3900				
			4000				
			4100				
			4200				
			4300				
			4400				
			4500				
			4600				
			4700				
			4800				
			4900				

Dredge } No. 5035 Date, March 11, 1912
Hydrog. }

Sdg. Mch. Hand line fwd Reel

Shot

lbs.

Turns Cor'n Depth 12 3/4 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom Hard sand

Thermom. { Make Cor'n { Instr.
No. Cor'n Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 51 Time 10:05 } Air { 50°
Time

Density: Surf. fms.

Wind: Direction S. Force 3

Baromet. 30.10 Amt. of Clouds 10 State of Sea C

Weather 03/F

Direction and Force of Current. { Surface
Bottom

Tide

General Locality

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer

Mr. Reddy Recorder At w Cinde

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. DOWN.	UP.	M.		M. DOWN.	UP.	M.
			0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			